

FARKAS, Ferenc; SEBESTYEN, Ferenc; EISLER, Janos, dr., egyetemi tanar;
HOFFMANN, Pal; REICHARDT, Zoltan; FABRY, Jozsef; NYULASZI, Mihaly;
MATEFFY, Sandor; REUSS, Laszlo

Remarks about Ferenc Palos' lecture entitled "Demands of
electric power industry concerning the Hungarian cable manu-
facture." Villamossag 8 no.2-3:71-72 F-Mr '60.

1. Nehezipari Miniszterium Villamosenergiaipari Igazgatosaga
formernöke (for Farkas).
2. EM Budapesti Villanysszerelő
Vallalat; "Villamossag" szarkesztő bizottsági tagja (for Sebestyan).
3. Budapest Muszaki Egyetem (for Eisler).
4. Kabel- és
Sodronykotelyar (for Hoffmann).
5. EM Szereleciipari Tervezo
Vallalat (for Reichardt).
6. Epitestudományi Intézet (for
Fabry).
7. EM Szereleciipari Tervezo Vallalat (for Nyulaszi).
8. Koho- és Gépipari Miniszterium Tervezo Irodai (for Mateffy).
9. Kabel- és Sodronykotelyar (for Reuss).

HOFFMANN, Pal, dr.; FOLDIAK, Gabor, dr., & kemial tudomanyok kandidatusa

Properties of Hungarian cable compounds containing pine resin.
Elektrotechnika 54 no.4:159-165 Ap '61.

1. Kabel es Sodronykotelgyar (for Hoffmann).
2. Magyar Asvanyolaj es Foldgaz Kiserleti Intezet (for Foldiak).

HOFFMAN, Pal, dr.

Determination of the optimal boring direction of diamond wire
drawing stones. Muzsaki kozl MTA 30 no.1/4:327-340 '62.

1. Kabel- es Sodronykotelgyar, Budapest.

"APPROVED FOR RELEASE: 09/21/2001

CIA-RDP86-00513R000618110005-9

HOFFMANN, Przemyslaw

Marian Azt, 1905-1959. Przem chem 39 no.2:61-62 F '60.

APPROVED FOR RELEASE: 09/21/2001

CIA-RDP86-00513R000618110005-9"

"APPROVED FOR RELEASE: 09/21/2001

CIA-RDP86-00513R000618110005-9

AKERMAN, Karol; HOFFMANN, Przemyslaw; POCZYZMAJLO, Andrzej; OGŁAZA, Jan;
GRYGLIK, Eugeniusz; PLETTI, Zdzislaw; BERESKI, Jerzy

Marking-out of material streams in rotary kilns for super-
Thomas production in the BONARKA Works in Krakow. Przem
chem 40 no. 7:380-383 Jl '61.

1. Instytut Badan Jadrowych, Polska Akademia Nauk, Warsaw i
Fabryka Supertomasyn BONARKA, Krakow.

APPROVED FOR RELEASE: 09/21/2001

CIA-RDP86-00513R000618110005-9"

HOFFMANN, P.

Akerman, K.; Hoffmann, P.

"Results of Soviet aid in the sulfuric acid and phosphate fertilizer industry",
p. 556 (Przemysl Chemiczny. Vol. 9, no. 11, Nov. 1953, Warszawa)

Vol. 3, No. 3

SD: Monthly List of East European Accessions, Library of Congress, March 1954, Unclassified.

HOFFMAN, P.; AKERMAN, K.

Actual technological and research problems in the sulfuric acid and phosphoric fertilizers industries. p. 433. (PRZEMYSŁ CHEMICZNY, Vol. 10, No. 5, Sept. 1954, Warszawa, Poland)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 3, No. 12, Dec. 1954, Uncl.

HOFFMAN, P.; AMERMAN, K.

World production and consumption of sulfur. p. 438. (PRZEMYSŁ CHEMICZNY,
Vol. 10, No. 9, Sept. 1954, Warszawa, Poland)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 3, No. 12, Dec.
1954, Uncl.

HOFFMAN, F., AND OTHERS

Granulation of superphosphate. p. 471. (PRZEMYSŁ CHEMICZNY, Vol. 10, No. 9,
Sept. 1954, Warszawa, Poland)

SO: Monthly List of East European Accessions, (EHAL), 1C, Vol. 3, No. 12, Dec.
1954, Uncl.

HOFFMANN, P.; LESZCINSKA, H.; AKERMAN, K.

Refining sulfur concentrates from Polish deposits by filtration. p. 610.

Vol. 11, no. 11, Nov. 1955

PRZEMYSŁ CHEMICZNY. Warszawa.

SOURCE: East European Accessions List (EEAL), LC, Vol. 5, No. 3, March 1956

~~PAL, HOFFMANN, PAL~~

Hungary/ Physical Chemistry - Solutions. Theory of acids and bases

B-11

Abs Jour : Referat Zhur - Khimiya, No 4, 1957, 11326

Author : Hoffmann Pal, Kocsardi Sandor

Title : Study of the Effect of Neutral Salts on Acidic Hydrolysis of Ethyl Acetate

Orig Pub : Sohatas vizsgalata etilacetat savas hidrolizisenel.
Magyar kem. folyoirat, 1955, 61, No 10, 289-295 (Hungarian; German summary)

Abstract : Effect of neutral salts on acid hydrolysis of ethyl acetate was investigated taking into account salt activity coefficients and characteristic thermodynamic functions. On the basis of a previously proposed mechanism of hydrolysis (Roberts J., Urey H.C., J. Amer. Chem. Soc., 1939, 61, 2584) is presented the reaction velocity equation, the transformation of which yields a new equation that explains the salt effect. By measurement of e.m.f. were determined mean values of activity coefficients of NaClO_4 and Na_2SO_4 , and also the values $k/f(\text{salt})$, which are about equal at the same temperature. It is noted that ΔG^* does not depend on temperature and concentration, while the presence of neutral salts affects the values of ΔH^* and ΔS^* .

1/1

HOFTWAN, P.

P. Hoffmann H. Leszczynska, A. Pfeffer, B. Piatkowski, W. Cieslewski,
J. Alimow, "The Refinement of Sulphur Concentrates of Polish Deposits
by Centrifugation," Przegyl Chemiczny, (Warsaw), XIII/4, April 1956,
pp 214-218. Published from the Institute of Sulfuric Acid and Phosphoric
Fertilizers.

POLAND / Chemical Technology. Chemical Products and
Their Application--Water Treatment. Sewage

H-5

Abs Jour: Ref Zhur-Khimiya, No 3, 1959, 8686

Author : Hoffmann, P., Leszczinska, H., Pffefer, A.,
Kaczorek, M., Sobiewsiak, R., Hoffman, B.

Inst : Not given

Title : Purification of Waters in Districts of Sulfur
Deposits

Orig Pub: Przem. chem., 1957, No 7, 395-399

Abstract: Data are given on experiments on a semi-industrial scale for elimination of H₂S. In water running along an open trench (length 100 meters, thickness of water layer 6.5 to 10 centimeters), at an initial H₂S concentration of 150 mg per liter and

Card 1/3

POLAND / Chemical Technology. Chemical Products and
Their Application--Water Treatment. Sewage

H-5

Abs Jour: Ref Zhur-Khimiya, No 3, 1959, 8686

170 mg per liter, the remaining H₂S concentration comprised (respectively) 60 and 30 mg per liter. When acidified to Ph 5 and with a double passage of water through the fractionating tower (10 meters), the H₂S concentration remaining was 4 mg per liter.
--O. Lenchevskiy

Card 3/3

Hoffmann, P.

POLAND / Chemical Technology. - Fertilizers. Chemical Products and Their Application. Part 2. H-6

Abs Jour : Referat. Zhurnal Khimiya, No 4, 1958, 11895.

Author : E. Gryglik, P. Hoffmann, A. Pfeffer, Z. Pletti, T. Wesfalewicz.

Inst : Not given

Title : Application of Anhydrous Sodium Sulfate to "Superthomasin" Production.

Orig Pub : Przem. chem., 1957, 13, No 6, 341 - 343.

Abstract : Pilot plant and factory experiments showed the possibility of a partial and a complete substitution of soda with Na sulfate at the manufacturing of "superthomasin". The process proceeds normally and yields a high quality product, which does not contain sulfides and is not hygroscopic.

Card 1/1

HOFFMANN, P.; GUCZY, L.; VERES, S.

Examination of the medium effect at the alkaline hydrolysis of malonic acid-monoethyl ester-K-salt. p. 32. (Magyar Kemiai Folyoirat, Vol. 63, No. 1, Jan 1957, Budapest, Hungary)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 8, Aug 1957. Uncl.

HOFFMAN, P.; ORZECHOWSKI, K.

Mining and processing of sulfur in Poland, p. 394.

NOVA TECHNIKA. (Ceskoslovenska vedeckyo-technicke spolecnost)
Praha, Czechoslovakia
No. 9, Sept. 1959

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 11
Nov. 1959
Uncl.

HOFFMANN, P. M.

SURNAME, Given Names

Country: Poland

Academic Degrees:

Affiliation: Department for Application of Radio-Isotopes in Chemistry and
Chemical Technology of the Institute for Nuclear Research, Warsaw

Source: Leipzig, Leichtentechnik, No 5-6, May 1961, pp 165-166.
[no original language version given]

Data: "Determination of the Material Movement in Rotary Kilns for the
Production of Gypsum Sulphuric Acid in the Chemical Works "Wizow"."

Authors:

AKERMAN, Karol, Professor

/HOFFMANN, P. M.

/POCZYNIAJLO, A.

/MAJCHROWSKI, J.

/GLONDALSKI, J.

/OGLAZA, J.

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HOFFMANN P. M.

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CIA-RDP86-00513R000618110005-9"

HOFFMANN, P.; SZUCHNIK, A.

National Academy of Sciences, National Research Council; Nuclear
sciences series. Review and bibliography by P.Hoffmann and
A.Szuchnik. Przem chem 41 no.7:409-410 Jl '62.

HOPFMAN, Przemyslaw M.

Survey of methods of obtaining sulfur from sulfur ores. Przem
chem 41 no.91480-484 S '62.

SOBIESIAK, Ryszard; LESZCZYNSKA, Halina; KACZOREK, Maria; HOFFMANN,
Przemyslaw M.

Two-stage desorption of hydrogen sulfide from deposit waters.
Przem chem 41 no.9:508-510 S '62.

1. Zaklad Przerobu Siarki i Pochodnych, Centralne Laboratorium
Siarki i Kopalin Chemicznych, Warszawa.

KACZOREK, Maria; LESZCZYNSKA, Halina; SOBIESIAK, Ryszard; HOFFMANN,
Przemyslaw M.

Absorption of the postaeration gases from hydrogen sulfide deposit
waters on ferric hydroxides. Przem chem 41 no.9:513-517 S '62.

1. Zaklad Przerobu Siarki i Pochodnych, Centralne Laboratorium
Siarki i Kopalini Chemicznych, Warszawa.

ANDRUSKI, Ryszard; HOFFMANN, Przemyslaw M.; LESZCZYNSKA, Halina

Preparation of colloidal hydrophilic sulphur recovered from
sulfur foam. Przem chem 41 no.9:517-521 S '62.

1. Zaklad Przerobu Siarki i Pochodnych, Centralne Laboratorium
Siarki i Kopaln Chemicznych, Warszawa.

LICHENSTEIN, Henryk; JASKOLSKA, Anna; LESZCZYNSKA, Halina; HOPPMANN,
Przemyslaw M.

Comparative research on the usefulness of absorption masses
for hydrogen sulfide in the presence of air. Przem chem 41
no.9:521-523 S '62.

1. Zaklad Przerobku Siarki i Pochodnych, Centralne Laboratorium
Siarki i Kopalni Chemicznych, Warszawa.

LESZCZYNSKA, Halina; HOFFMANN, Przemyslaw M.; PIATKOWSKI, Bronislaw;
JASKOLSKA, Anna; CIESLEWSKI, Wieslaw

Pre-industrial technological research on the refining of sulfur
concentrates by means of the centrifugal separator method. Przem
chem 41 no.9:524-526 S '62.

1. Zaklad Przerobu Siarki i Pochodnych, Centralne Laboratorium
Siarki i Kopalni Chemicznych, Warszawa.

"APPROVED FOR RELEASE: 09/21/2001

CIA-RDP86-00513R000618110005-9

HOFFMANN, Przemyslaw M.

Survey of methods of obtaining sulfur from sulfuric ores. II. Przem
chem 41 no.11:629-632 N '62.

APPROVED FOR RELEASE: 09/21/2001

CIA-RDP86-00513R000618110005-9"

AKERMAN, Karol, prof. dr; HOFFMANN, Przemyslaw M.; ZABLOTNY, Wladyslaw, dr;
NOWAK, Maciej, mgr dr; OGLAZA, Jan, mgr; MASIAK, Aleksander, mgr inz.

Tracing of material streams in kilns with fire bridge. Rudy i metale
8 no.2:53-54 F '63.

AKERMAN, K.; HOFFMANN, P.M.; ZABLOTNY, W.

Application of isotopic techniques to the studies of unitary
chemical processes. Nukleonika 9 no.7/8:637-645 '64

1. Institute of Nuclear Research, Warszawa-Swierk.

"APPROVED FOR RELEASE: 09/21/2001

CIA-RDP86-00513R000618110005-9

11439-5 3PR/DMR/ PEP/H Ps-L SSD/AFWI/ESD (sg) JD
MC447.14/14/1964 106417 (2005)

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED

SOURCE: Nuklear-Pk, v. 9, no. 7-8, 1964, 647-665

THE INFORMATION CONTAINED HEREIN IS UNCLASSIFIED
DATE 10-10-2018 BY SP/SP

APPROVED FOR RELEASE: 09/21/2001

CIA-RDP86-00513R000618110005-9"

TOPIC TAGS: aluminum, electrorefining, aluminum, boro, boron detection, germanium recovery, plutonium recovery, tagged actin method, tagged actin method application

ANS. PART: The electrorefining of plutonium was successful and the first studies on both plutonium and plutonium-germanium mixtures were completed in January 1954 at the U.S. Naval Ordnance Test Station, White Oak, Maryland.¹ The electrorefining of aluminum was started in 1954 at the Bureau of Mines, Washington, D.C., and the first results were obtained in January 1955. The Bureau of Mines has also conducted studies on the electrorefining of aluminum-germanium mixtures. The Bureau of Mines has also conducted studies on the electrorefining of aluminum-germanium mixtures.

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ASSOCIATION: Institute of Nuclear Research, Warsaw

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OTHER: 025

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CIA-RDP86-00513R000618110005-9

RAMPKE, D.; HOFFMANN, R.

Refining of 0 Al-Si10-Mg alloy-melts by salt. Pt. 1. Voh lap
96 no.10:Suppl:Ontode 14 no.10:239-240 0 '63.

APPROVED FOR RELEASE: 09/21/2001

CIA-RDP86-00513R000618110005-9"

RAMPKE, D.; HOFFMANN, R.

Improving O-Al-Si10-Mg alloy melts by salt treatment. Kohlap
96 no. 11:252-257 N'63.

1. Volkseigener Betrieb Elektrochemisches Kombinat, Bitter-
feld, Nemet Demokratikus Koztarsasag.

HOPFMAN, T.

The use of sledge and threshing implements in Hungary

p. 219 (ACTA ETHNOGRAPHICA) Vol. 6, no. 1/2, 1957, in German
Budapest, Hungary

SC: Monthly Index of East European Accessions(EEAI) LC. Vol. 7, No. 3,
March 1958

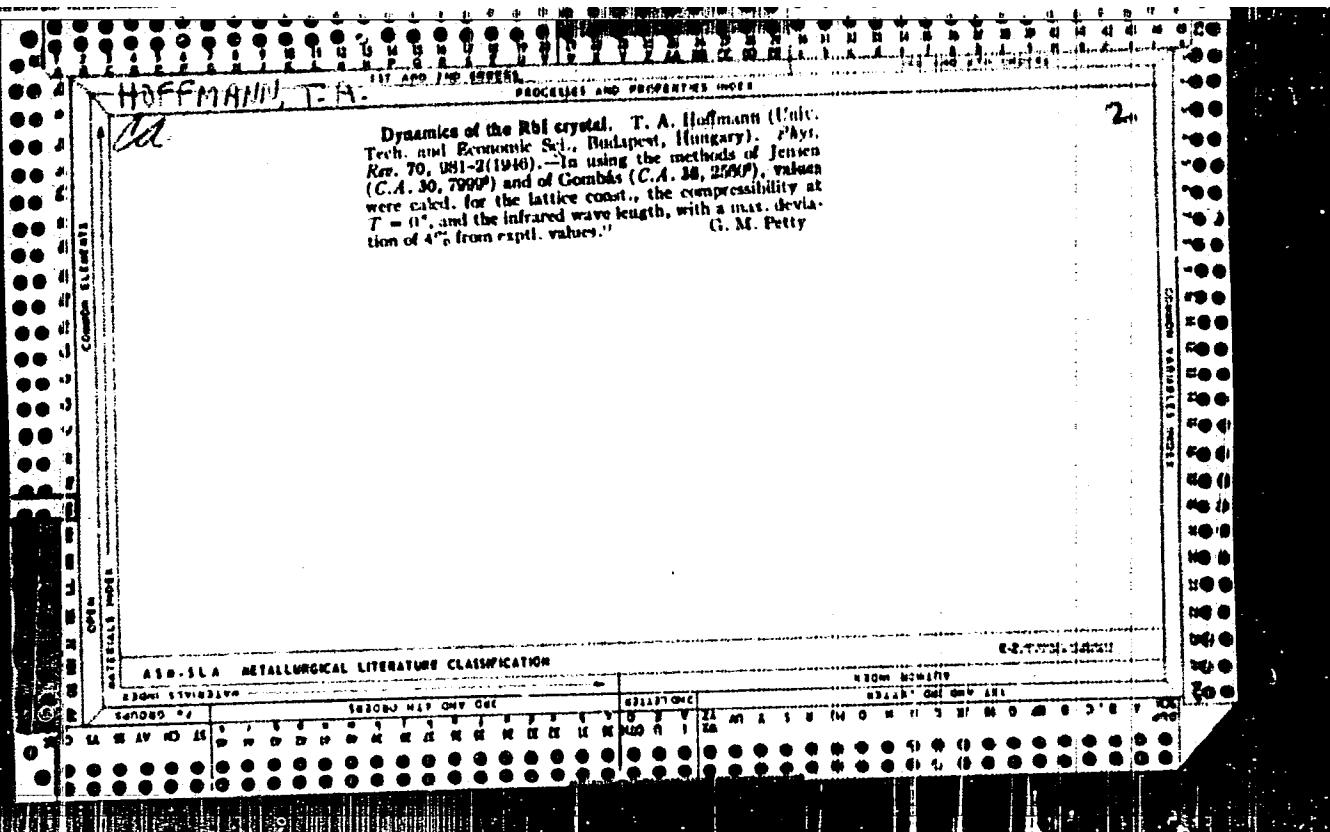
HOFFMANN, Tibor; LADIK, Janos

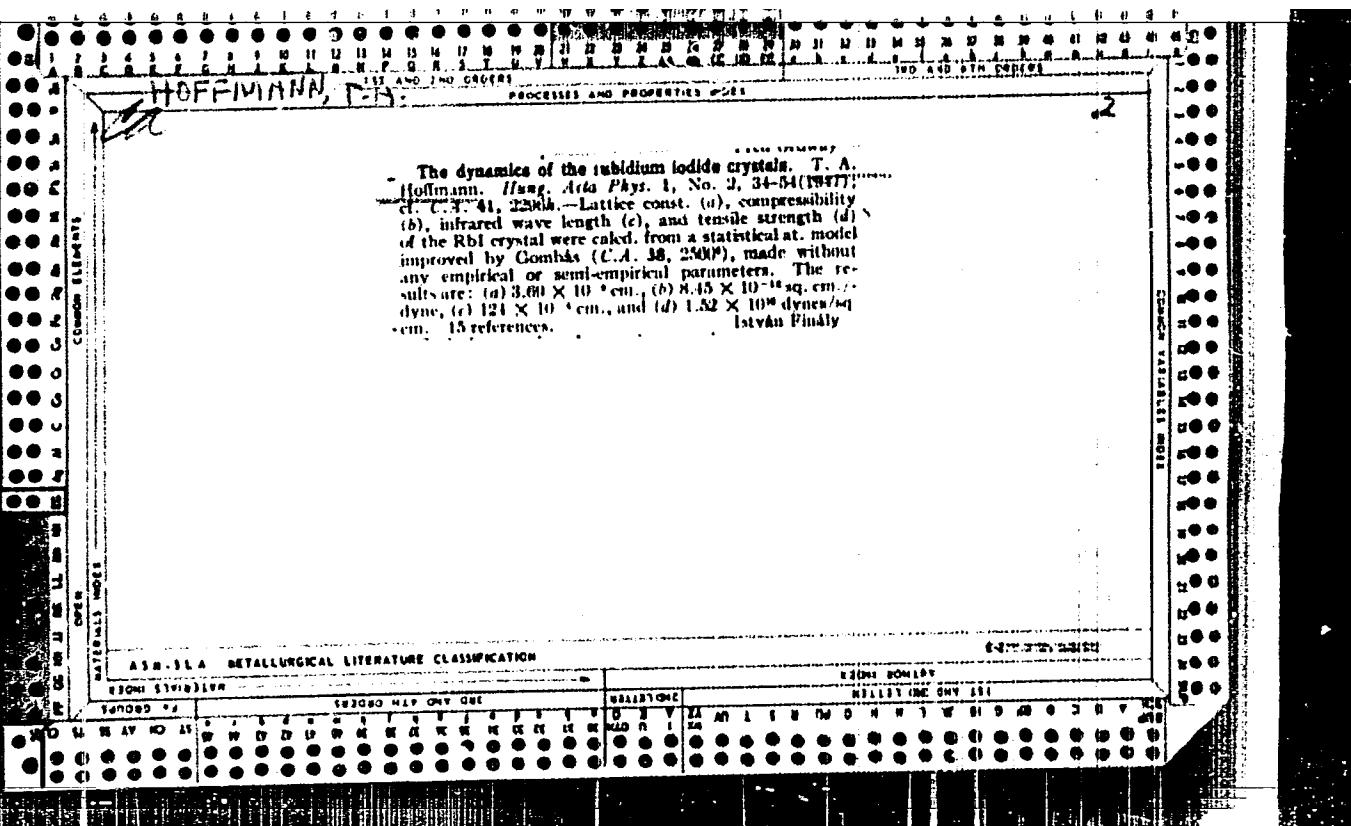
A possible explanation of the cancer-causing effect of radiations
and carcinogen hydrocarbons on the basis of the electronic structure
of the deoxyribonucleic acid. Magy fiz folycir 8 no. 5:471-486 '60.

(EBAI 10:5)

l. Tavkozlesi Kutato Intezet es MTA Kozponti Kemial Kutato Intezete,
Budapest.

(Carcinogenic substances) (Cancerigenic substances)
(Hydrocarbons) (Deoxyribonucleic acids)





(6) HOFFMANN, T. A.

The contraction of peptide chain molecules. P. Comilla and T. A. Hoffmann (Hung. Univ. Tech. Sci., Budapest). *J. Chem. Phys.* 18, 303-1 (1940).—Theoretical. Some mech. properties of org. chain molc., e.g. polypeptides, are derived from quantum-mech. concepts. These properties may help explain the contraction and relaxation of muscle. It is assumed that N atoms alternate with time between neutral atoms and N⁺ ions, with a corresponding change in the type of bond and in the shape of the chain. Thus, change of all N⁺ to neutral N shortens the chain to 0.93 times its original length. If every 2nd N⁺ were changed to N, the chain, neglecting steric effects, would curl into a ring with a diam. 7.7 times the length of the CCN⁺ group. Hence, a chain contg. 24 CCN⁺ groups would contract to a ring with a diam. 0.32 times the original chain length. Steric effects, e.g. the spin orientation of H and C atoms, cause the chain to twist into a helical curve. Interaction between adjacent chains and electron mobility in the chain are also considered. T. H. Dunkelberger

C4

HOFFMANN, T.A.

2.

Investigations in the field of the theory of solids. I
Linear chain of similar atoms. T. A. Hoffmann and A
Kónya (Tech. Univ., Budapest). *Acta Phys. Acad. Sci
Hung.*, 1, 5-35(1951); cf. C.A. 45, 1623c.—A detailed se-
count of an application to metals of the mol. orbital method
in the LCAO (linear combinations of at. orbitals) approxi-
mation. The distribution in energy of permissible states is
determined for finite and infinite chains in terms of the ionization
energy of separate atoms, and of exchange and overlap inte-
grals for nearest neighbors. Zero-order wave functions are
constructed and the charge distribution is determined. The di-
pole moment of half an infinite chain is calculated, and its relation
to work function discussed. Other applications depend on
the extension of the theory to a space lattice, to be presented
in later papers.
H. M. Barondy

1951

Hoffmann, T. A.

Mathematical Reviews
Vol. 14 No. 8
Sept. 1953
Mathematical Physics.

Hoffmann, T. A. Some investigations in the field of the theory of solids. III. Plane and space lattice of similar atoms. *Acta Phys. Acad. Sci. Hungar.* 2, 97-106 (1952). (Russian summary)

MORRISON, T. A.

Mathematical Reviews
Vol. 14 No. 8
Sept. 1953
Mathematical Physics.

Hoffmann, T. A. Some investigations in the field of the theory of solids. IV, A-B-type ordered binary systems in the plane and the space. Acta Phys. Acad. Sci. Hungar. 2, 107-127 (1952). (Russian summary)

In two previous papers [same Acta 1, 5-35, 175-195 (1951); these Rev. 13, 308; 714] Hoffmann has built up the theory for the properties of the chain structure of similar and dissimilar atoms as problem of the linear combination of atomic orbitals. In the two papers under review this material is used to calculate the energy and density of states in a square plane array and in a simple cubic lattice made up of atoms of one kind (III) and of atoms of two kinds (IV) in a binary system. A comparison of the energy distributions of the density of states is made for the linear, plane, and spatial cases. R. Trull (Providence, R. I.)

8-19-54 19128

Hoffmann, T. A.

Mathematical Reviews
Vol. 14 No. 8
Sept. 1953
Mathematical Physics.

Hoffmann, T. A. Some investigations in the field of the theory of solids. V. Adsorption. Surface states. Acta Phys. Acad. Sci. Hungar. 2, 195-208 (1952). (Russian summary)

Using the background developed in the preceding four papers of this series, the author now deals with the effect of a surface layer of foreign atoms on the surface of a crystal of atoms of one type. The effects of a single atom layer are considered in connection with adsorption, surface states, etc. The author obtains energy levels outside the main energy band for the bulk material. The discussion of surface states is carried out in terms of the number and position of these levels above and below the main band. It is pointed out that surface levels do not always occur in pairs if the calculations are properly carried out. R. Truell.

HOFFMANN, T.

Open discussion about the dissertation by Laszlo Lang, candidate
in physics. p. 377. KOZLEMENYEI. Budapest. Vol. 5, no. 3, 1955.

SOURCE: East European Accessions List (EEAL), LC, Vol. 5, No. 2, Feb. 1956

Hoffmann, T.

Public debate about the dissertation by Karoly Ladanyi, candidate in physics.
p. 515. Vol 5, no. 4, 1955. KÖZLEMÉNYEI. Budapest, Hungary.

So: Eastern European Accession. Vol 5, no. 4, April 1956

HOFFMANN, T.

What determines the solidity of bodies? p. 404

Vol. 114, no. 7, July 1955
TERMESZET ES TARSADALOM
Budapest

Source: Monthly list of East European Accessions, (EEAL), LC,
Vol. 5, no. 3, March 1956

Hoffmann, T.

Distr: 4E3d

65. Application of the diffusion equation in designing
the ventilation stacks of reactors. T. Hoffmann,
G. Németh. A Magyar Tudományos Akadémia
Középüti Fizikai Kutató Intézetnek Közleményei (Proceedings of the Central Research Institute for Physics
of the Hungarian Academy of Sciences), Vol. 6, 1957,
No. 6, pp. 582-588, 2 figs.

The radioactive impurity concentration issuing
from a stack of given length is calculated on the basis
of the simple theory of diffusion taking into account
half life as well. Calculations cover the adsorbing (aer-
sol) and non-adsorbing (gas) cases with horizontal wind
and without wind. The results can be utilized in the
design of reactor stack.

RB

Hoffmann, I.

1 Possibility of preparing overheated solid state in reactors.
Tibor Hoffmann, Magyar Tudományos Akad. Kézponvi
Fiz. Kutatások Akadéméjén, 6, 202-74 (1958).
3

Theoretical calcn. relates the melting mechanism to the dimensions of subcrystallites of the solid and to the d. of vacancies. It might be possible to create vacancies within a very short time, and reach a vacancy concn. characteristic of melting without melting the solid. H. proposes to expose the sample to a high neutron flux to produce the appropriate vacancy concn., keeping the sample below its m.p., then increase the temp. suddenly above the m.p. H. assumes that the sample will be stable at that high temp. and will not melt. If such a procedure would be feasible the solid constituents of a reactor would be stable at a higher temp.

E. Roemer

Hoffmann, T.

Atmospheric diffusion of radioactive contamination from
the stack of a reactor. Tibor Hoffmann and Gyula Németh,
Megyei Tudományos Akadémia Fizikai Társaság Kiadványai,
Kéziratos 6, 276-84 (1958).—A formula is derived for the
atm. diffusion of contamination which takes into account the
correct boundary conditions and half-lives in the common diffu-
sion problem. The radioactive gases are characterized by
the boundary conditions that they are not absorbed at all on
the surface, whereas aerosols are adsorbed on the ground, at
least to some degree. The solution of the common diffu-
sion equation is given with the proper boundary conditions
by successive Hankel and Laplace transformations in an
analytic form for the case of an impulse form discharge of
contamination from the chimney. The concn. value thus
obtained is supplied by the factor taking into account the
half-life and then integrated for certain amt of discharge of
the chimney, for const. operation, etc. In the nonad-
sorbing case the contamination piled up on the ground will
be given by the value of the concn.; in the adsorbing case
the contamination per unit surface is given by the time in-
tegral of the contamination current directed towards the sur-
face, by taking also into account the half-life. — E. Konecny

HUNGARY/Nuclear Physics - Nuclear Technology and Power

c-8

Abs Jour : Ref Zhur - Fizika, No 5, 1959, No 10276

Author : Hoffmann Tibor, Nemeth Geza

Inst : -

Title : Use of the Diffusion Equation in the Design of the Smoke
Stack of a Reactor

Orig Pub : Magyar tud. akad. Kozp. fiz. kutato int. kozl., 1958, 5, No 6,
582-588

Abstract : Based on simple diffusion theory, the authors calculate the
concentration of radioactive admixtures, leaving a stack with
given height (taking into account the decay). The cal-
culations were carried out for aerosols and for a gas both
in the presence of horizontal wind, and without it. The
calculations can be used in the design of reactors. -- V.I.
Lend'yel

Card : 1/1

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HOFFMANN, Tibor

On the theory of the growth of crystal grains. Koz fiz kozl MTA 7 no.5:
287-295 '59.

1. A Magyar Tudomanyos Akademia Kozponti Fizikai Kutato Intezete,
Szilardtestfizikai Laboratorium.
(Crystals)

HOFFMANN, T. A.

Theoretical investigations of the spectra of fluorescein. Acta phys Hung 14 no.2 3:177-185 '62.

1. Research Institute for Telecommunication, Budapest.
Presented by G. Szigeti [Gyorgy Szigeti]

ACCESSION NR: AP4040387

P/0045/64/025/004/0633/0634

AUTHOR: Hoffmann, T. W.; Nikliborc, J.

TITLE: Growth of tungsten monocrystals on glowed tungsten wires

SOURCE: Acta physica polonica, v. 25, no. 4, 1964, 633-634

TOPIC TAGS: crystal growth, tungsten whisker, dodecahedron crystal, rhombododecahedron crystal

ABSTRACT: Well-shaped tungsten monocrystals were obtained by electrically glowing to about 2500C a commercial tungsten wire of 0.1—0.5 mm diam in a hydrogen atmosphere saturated with water vapor. Most crystals grew in the central region of the wire where the temperature was highest. The edges of most crystals were well shaped, and their faces, smooth. Dimensions of crystals were from 10 to 200 μ . In most cases, the crystals were situated in such a way that either one of the corners or one of the edges was directed to the wire surface. Well-formed crystals were dodecahedrons; some were nearly regular rhombododecahedrons, the others being stretched in the direction perpendicular to the wire axis. When the water vapor

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ACCESSION NR: AP4040387

was cut off by means of a liquid air trap, no traces of crystals were observed, regardless of long (about 30 min) glowing at a temperature of 2500C. The growth of crystals depends on temperature. At 1800C crystals were obtained after longer (about 35 min) glowing, although they were smaller and less numerous; at 1900C, after 15 min of glowing, they were somewhat larger but irregular; at 2300—2600C most crystals were well formed; at 2700C and above, the crystals formed stretched cones with vertexes on the wire surface. The optimum temperature is 2300—2600C. Orig. art. has 2 figures.

ASSOCIATION: Physics Department of the University, Wroclaw, Poland

SUBMITTED: 04Mar64 DATE ACQ: 18Jun64 ENCL: 00

SUB CODE: SS NO REF Sov: 001 OTHER: 001

Card 2/2

L 39124-66 EWF(j) RM/JW
ACC NR: AP6030342

SOURCE CODE: RU/0005/65/016/003/0125/0133

AUTHOR: Hoffmann, V.; Cristea, I.; Halmagy, I.; Apostol, Z.

35
B

ORG: none

TITLE: Recovery of the sensible heat of reaction gases in the manufacturing of acetylene¹

SOURCE: Revista de chimie, v. 16, no. 3, 1965, 125-133

TOPIC TAGS: acetylene, natural gas, ethylene, hydrocarbon, methane, oxidation

ABSTRACT: The authors discuss the preparation of acetylene from natural gases by electric arc cracking and by partial oxidation, with special attention to the best possible utilization of the energy consumed during these processes. Some data are given for a method allowing the partial recovery of some of this energy, namely the injection of additional liquid hydrocarbons into the hot cracked gases, yielding an additional quantity of acetylene plus ethylene. The data were obtained in a semi-industrial Rumanian installation for electrothermic methane cracking. This work was carried out at Chemical Plant, Risnov. Orig. art. has: 13 figures and 13 formulas. [Based on authors' Eng. abst.] [JPRS]

SUB CODE: 07, 21 / SUBM DATE: none / ORIG REF: 003 / Sov REF: 001
OTH REF: 002

ms
Card 1/1

0918 1065

TRIPSA, I., ing.; ZACOPCEANU, S., conf. ing.; DUMITRESCU, S., ing.
HOFFMANN, V., ing.; IVANESCU, D., ing.; COMAN, B. ing.
SABIN; Nica, conf.; BELLU, Blumer, ing.; PINTER, C., prof.
dr.

Economic efficiency of scientific and technical research.
Probleme econ 16 no. 5: 133-140 My '63.

1. Director, Institutul de cercetari metalurgice (for Tripsa).
2. Institutul de arhitectura Ion Mincu (for Zacobceanu).
3. Director, Institutul de studii si cercetari hidrotehnice (for Dumitrescu).
4. Rector, Institutul politehnic-Brasov (for Hoffmann).
5. Director, Institutul de cercetari forestiere (for Ivanescu).
6. Director, Institutul de proiectari al Ministerului Industriei Usoare (for Coman).
7. Director adjunct stiintific, Institutul central de cercetari agricole (for Sabin).
8. Rector, Institutul de studii si proiectari agricole (for Bellu).
9. Rector, Institutul agronomic "Ion Ionescu de la Brad", Iasi (for Pintea).

"APPROVED FOR RELEASE: 09/21/2001

CIA-RDP86-00513R000618110005-9

HOFFMANN, V., conf.ing.; CRISTEA, M., conf.ing.

Thermal evaluation of sparkplugs. Automatica electronica 5 no.6:
266-271 N-D '61.

APPROVED FOR RELEASE: 09/21/2001

CIA-RDP86-00513R000618110005-9"

STANEK, Miroslav, inz.; TEYSSLER, Jiri, inz., dr.; FISCHER, Jiri, inz.;
SPITALNIK, inz.; STEKL, inz.; NAVRATIL, Miroslav, inz., dr.;
IBLER, Jaroslav, inz., dr.; KARAS, Frantisek, prof., inz., dr., ScDr.;
CESKA, inz.; HOFFMANN, V., inz.; CHALUPSKY, Josef, inz.;
FAPSO, O., inz.; ROCEK, Jaroslav, inz., ScC.; SVEJDA, J., inz.;
LENCZ, Imrich, inz.; RAJDA, Frantisek; BALOS, Jaroslav, inz.;
MACHA, Jiri, inz.

Third National Conference on the Results of Research and
Development of Power Installations. Energetika Cz:Suppl.:
Energetika 13 no.6:1-24 '63.

"APPROVED FOR RELEASE: 09/21/2001

CIA-RDP86-00513R000618110005-9

HOFFMANN, Z.

"Geography of Hungary" by Marton Peasi, Bela Surfalvi.
Reviewed by Z. Hoffmann. Sbor zem 68 no.4:348-349 '63.

APPROVED FOR RELEASE: 09/21/2001

CIA-RDP86-00513R000618110005-9"

HOFFMANN, Z.

International conference on the occasion of the 90th
anniversary of the foundation of the Hungarian Geographic
Society. Sbor zem 68 no.4:345-346 '63.

HOFFMANN, Zdenek, inz.

The new in the dust separation technique. Prum potravin 13
no.12:650-653 D '62.

1. Zavody potravinarskych a chladicich stroju, n.p., Pardubice.

HOFFMANN, Zdenek, inz.

"Telemechanical systems for dispersed objects" by V.A.Iljin [Il'in, V.A.]. Reviewed by Zdenek Hoffmann. Slaboproudý obzor 24 no.2:Suppl.:Literatura 24 no.2:L9 '63.

HOFFMANN, ZYGMUNT.

Instalacje i robory sanitarne. Wyd. 3. Warszawa, Poland

Panstwowe Wydawn. Szkolnictwa Zawodowego, 1955. 255 p.
DNIM Not in DLC

Monthly list of East European Accessions (EEAI) LC, Vol. a, No. 2, Feb. 1960

Uncl.

POLAND / Cultivated Plants. Forage Crops.

M-5

Abs Jour: Ref Zhur-Biol., 1958, No 16, 73016.

Author : Hoffmannowa, A.; Horodyski, A.

Inst : Not given.

Title : The Influence on Winter Rape Harvest of the Seed
Planting Rate Depending on Quantity of Nitrogen
Fertilizer Applied and Thinning of Dense Planting.

Orig Pub: Roczn. nauk rolniczych, 1956, A73, No 4, 603-621.

Abstract: A discussion of results of experiments conducted by different scientific-research establishments of Poland and Germany for the period from 1931 to 1953: application of 1.3 c/ha of nitrogen fertilizer gave an average harvest of winter rape of 13.8 c/ha, application of 2.8 c/ha - 15.9 c/ha. Increase of seed-norms of seeds from 5 to 10 kg/ha had no influence on the harvest of seeds. Thinning the rape in

Card 1/2

POLAND / Cultivated Plants. Forage Crops.

M-5

Abs Jour: Ref Zhur-Biol., 1958, No 16, 73016.

Abstract: the first three weeks after appearance of sprouts caused no changes in harvest yield; thinning five or six weeks after the appearance of sprouts decreased the harvest. The highest harvest was obtained with sowing norms of 7.5 kg/ha (15.2 centners/ha). Increase in dosage of nitrogen fertilizer with all seeding norms caused a decrease in fat content in the seeds and total fat yield from the area. Weight of 1000 seeds remains permanent during different stand densities of plants and various doses of nitrogen fertilizers. -- Ye. M. Tsvetayeva.

Card 2/2

78

POLAND / Cultivated Plants. Commercial, Oleaceous,
Sugar Bearing.

M-4

Abs Jour : Ref Zhur - Biologiya, No 2, 1959, No. 6358
Author : Witkowski, Karol Janush; Hoffmannova, Anna
Inst : Not Given
Title : Comparative Study of 4 Winter Rape Varieties
with Splitting and Non-Splitting Legumes Under
Various Ecological and Non-Splitting Conditions
Depending on the Time of Crop Harvesting
Orig Pub : Wydawn wlasne, Inst. uprawy, nawozenia i
gleboznawstwa, 1957, No 61, 86-94

Abstract : It was found during the field experiments,
which were carried out at agricultural experi-
mental stations, situated under various soil-
climatic conditions in 1952-1953, that when
the crop is harvested during the period of

Card 1/2

splitting not show
novskiy). ~ A. M. Smirnov

Card 2/2

HOFFMANNOWA, A.

Some aspects of sugar nutrition of excised embryos of *Lupinus*
lutens L. and *Brassica oleracea* L. Acta soc botan Pol 33 no.1:
193-210 '64

1. Department of Plant Physiology, University, Poznan.

M-5

POLAND / Cultivated Plants. Technical.

Abs Jour : Ref Zhur - Biologiya, No 2, 1959, No. 6361

Author : Hoffanova, Anna

Inst : Not given

Title : The Effect of the Distance Among Rows and of
the Various Norms of Sowing of Seeds on the
Yield of Summer Rape with Various Fertilizer
Doses

Orig Pub : Wydawn. wJasne, Inst. uprawy, nawozenia i
gleboznawstwa, 1957, No 61, 109-126

Abstract : It was established on the basis of 25 field
experiments, which took place in 1946-1953,
that increased fertilizer doses (50% above
normal) heightened the yield of summer rape
seeds. The increase in yield took place
both with small and large fertilizer doses,

Card 1/2

POLAND / Cultivated Plants. Technical.

M-5

Abs Jour : Ref Zhur - Biologiya, No 2, 1959, No. 6361

when the distance between rows was 30 cm wide. Increasing the sowing norm from 6.9 up to 12 kg/ha did not produce any substantial increase in the yield of seeds. -- A. M. Smirnov

Card 2/2

106

DEMBINSKI, F.; JABLONSKI, M.; HOFFMANNOWA, A.; KIELCZEWSKI, B.

Effect of the width of plant rows on seed yields of three domestic
castor-oil plant varieties. Rocznik nauk rolniczych 81 no. 3: 545-560
'60.
(Poland--Castor-oil plant) (EEAI 9:10)

HOPFMANOVA, Eva; MODRY, Sylva

Use of nuclear magnetic resonance in the silicate chemistry.
Silikaty 8 no.1:62-75 '64.

1. Stavebni ustav, Ceska vysoka učená technicka, Praha.

GILL, J.; HOFFMANNOWA, H.; PIEKARZ, R.

Digestive capacity of the salivary glands, pancreas and duodenum
and size of the digestive system in boars (*Sus scrofa L.*) Acta
physiol. polon. 11 no.5/6:706-707 '60.

1. Z Laboratorium Fizjologicznego Miejskiego Ogrodu Zoologicznego
w Warszawie. Z Zakladu Hodowli Doswiadczonej PAN.
(SALIVARY GLANDS physiol)
(PANCREAS physiol)
(DUODENUM physiol)
(GASTROINTESTINAL SYSTEM physiol)

GILL, J.; HOFFMANNOWA, H.; PIEKARZ, R.

Effect of histamine on the course of digestive and secretory activity in the stomach in boars (*Sus scrofa L.*). *Acta physiol. polon.* 11 no.5/6:707-709 '60.

1. Z Laboratorium Fizjologicznego Miejskiego Ogrodu Zoologicznego w Warszawie. Z Zakladu Hodowli Doswiadczonej PAN.
(STOMACH pharmacol)
(GASTRIC JUICE)
(HISTAMINE pharmacol)

HOFFMANNOWA, Hanna; GILL, Janusz; PIEKARZ, Ryszard

Studies on the digestive physiology of the wolf (*Canis lupus L.*), dingo (*Canis dingo L.*) and jackal (*Canis aureus L.*). I. Effect of histamine on the course of digestive-excretory processes of the stomach under morphine-eunarcon anesthesia. *Acta physiol. Pol.* 15 no.1:125-136 Ja-F '64.

Studies on the digestive physiology of the wolf (*Canis lupus L.*), dingo (*Canis dingo L.*) and jackal (*Canis aureus L.*). II. Digestive capacity of the pancreas, duodenum and salivary glands; size of the digestive system; weight of internal organs. *Ibid.*:137-148

1. A Laboratorium Fizjologicznego Miejskiego Ogrodu Zoologicznego w Warszawie (Kierownik: mgr J. Landowski) i Z Zakładu Hodowli Doswiadczonej Zwierząt Państwowej Akademii Nauk (Kierownik: prof. dr Z. Kaminski [deceased]).

FLESCH, Gyorgy, okleveles gépész mérnök; HOFFNER, János, okleveles mezőgazdasági

Contribution to the discussion on the swing hammer (Lundell type) self-propelled choppers. Járma mezo gép 8 no.10:383-386
0 '61.

1. Koho- és Gépipari Miniszterium Mezőgazdasági Fejlesztési Intézet.

HOFFNER, P

Reply to the letter by Kalma Sztrokay published in Muszaki Flet, no. 3 p.

p. 25
No. 5, Mar. 1955
KOZLEMENYEI
Budapest

SO: Monthly List of East European Accessions (EEAL), LC, Vol. 5, no. 3
March 1956

HOFNER, P.

Congress of the International Electro-technical Commission held in Munich
between June 26 and July 6, 1956.

P. 69 (ELEKTROTECHNIKA) Budapest, Hungary Vol. 50, No. 1/2, Jan./Feb. 1957.

SO: Monthly Index of East European Acessions (AEEI) Vol. 6, No. 11 November 1957.

"APPROVED FOR RELEASE: 09/21/2001

CIA-RDP86-00513R000618110005-9

HOFFNER, Pal, okleveles elektromernek

Watt or watt-hour - it is a difference. Elet tud 17 no.34:1062
26 Ag '62.

APPROVED FOR RELEASE: 09/21/2001

CIA-RDP86-00513R000618110005-9"

"APPROVED FOR RELEASE: 09/21/2001

CIA-RDP86-00513R000618110005-9

HOFFNER, Pal

Standardization. Elektrotechnika 51 no.7/9:435 '58.

APPROVED FOR RELEASE: 09/21/2001

CIA-RDP86-00513R000618110005-9"

HOFNER, V.

Radio engineering in aviation.

p. 261 (Sdelovaci Technika) Vol. 5, no. 9, Sept. 1957, Praha, Czechoslovakia

SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (EEAI) LC, VOL. 7, NO. 1, JAN. 1958

HOFFNER, V.

TECHNOLOGY

Periodical: SDELOVACI TECHNIKA. Vol. 6, no. 8, Aug. 1958.

HOFFNER, V. The TACAN navigational system. p. 293.

Monthly List of East European Accession (EEAI) LC, Vol. 8, no. 3
March 1959 Unclass.

HOFLER, E.

Contribution to the study of coordination of insulation in our high-tension installations.

p. 224
Vol. 23, no. 7/8, 1955
Electrotehniski Vestnik
Ljubljana

So: East European Accessions List (EEAL), LC. Vol. 5, no. 2, Feb. 1956

HOFLER, E.

Session of the International Electrotechnical Commission, June 28-July 9, 1955, in London, p. 418. ELEKTROTEHNISKI VESTNIK. (Institut za electrisko gospodarstvo, Fakulteta za elektrotehniko in Institut za elektrosvet) Ljubljana. Vol. 23, no. 11/12, 1955

So. East European Accessions List Vol. 5, No. 9 September, 1955

HOFLER, E.

Operation of distant relays in reserve steps. p. 305

ELEKTROPRIVREDA, Beograd, Vol 9, No. 6, June, 1956

SO: East European Accessions List, Vol 5, No. 10, Oct., 1956

HOFLER, Eduard, ing., naucni savjetnik (Ljubljana)

Cleaning, drying, and controlling of electric insulations.
Elektrotehnika Hrv 1 no.1-2:44-52 '58,

i. Institut sa elektrisko gospodarstvo, Ljubljana, Hajdrihova 2

HÖFLER, E.

Current problems of the international standardization in the field
of the high and highest tensions. Elektr vest 29 no.8/10:225-226
'61.

HÖFLER, E.

The work of the Study Committee for Protection and Relays
of the Yugoslav National Committee at the International
Conference on Large Electric Systems. Elektroprivreda 15
no.2/3:128-129 F-Mr '62.

HÜFLER, E., inz.

A meeting of the Study Committee for Protection and Relays,
Yugoslav National Committee of the International Conference
of Large Electric Systems. Elektroprivreda 16 no.8:388-389
Ag '63.

"APPROVED FOR RELEASE: 09/21/2001

CIA-RDP86-00513R000618110005-9

HOFLER, E.

From a meeting of the Study Committee for Safety Installations
and Relays of the International Conference on Large Electric
Systems. Elektroprivreda 17 no.7/8:355-356 Jl-Ag '64.

APPROVED FOR RELEASE: 09/21/2001

CIA-RDP86-00513R000618110005-9"

HOFMAN, A.

Construction of a condenser power plant in San Nicolas in Argentina. Tr.
from the German. p. 17. (TECHNICKE ZPRAVY, No. 4, 1956, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 12, Dec 1957. Uncl.

HOFMAN, CZESLAW.

Nomina anatomica parisiensia. Pod red. Witolda Sylwanowicza. Wyd 1.

Poland
Warszawa / Panstwowy Zaklad Wydawn. Lekarskich, 1957. 186 p.

Monthly List of East European Accessions Index (EEAI), LC, Vol. 8, No. 6, June 1959
Uncl.

MARGOLISOWA, Anna; SWIDOWSKA, Irena (Lagiewniki); Wspolpracownicy:
DADLEZ, Zygmunt(Istebna); DUTKOWSKA, A.(Rabka); BURNO-KINDT,
Zofia(Jaworze); PECHEREK, Kazimierz(Ludwikowo); HOFMAN, D.;
KLICKA, M.; PAWLOWSKA, Elzbieta; SZUSTER, Irena (Lagiewniki)

Relapses of lymph node-pulmonary tuberculosis in children
during institutional therapy. Gruzlica 30 no.6:569-577 '62,

(TUBERCULOSIS, LYMPH NODE)
(TUBERCULOSIS, PULMONARY)
(TUBERCULOSIS IN CHILDHOOD)
(ANTITUBERCULAR AGENTS)

HOFMAN, Danuta

A case of lympho-pulmonary tuberculosis associated with splenomegaly and polyglobulia in a 2-year-old infant. Gruzlica 30 no.12, 1101-1105 '62.

1. Z Sanatorium Przeciwgruazicznego dla dzieci w Legnawnikach Dyrektor:
prof. dr A. Margolisowa Ordynator: dr I. Szustrowa.
(TUBERCULOSIS PULMONARY) (TUBERCULOSIS LYMPH NODE)
(TUBERCULOSIS IN CHILDHOOD) (SPLENOmegaly) (POLYCYTHEMIA)

GRAJEWSKA, Czeslawa; HOFMAN, Danuta; WALEWSKA, Emilia

Repeated bronchoscopies in lymphogenic lesions. Gruslica 33 no.8:
649-652 Ag 1 65

1. Z Sanatorium Przeciwgruzliczego dla Dzieci w Lągiewnikach
(Kierownik naukowy: prof. dr. med. A. Margoliscwa).

HOFMAN, Danuta; KAZANEK, Irena

2 cases of Kartagener's syndrome in children. Gruzlica 33 no.9:
811-816 S 1 65.

1. Z Sanatorium Przeciwgruzliczego dla Dzieci w Lagiewnikach
(Dyrektor: dr. M. Janiszewska-Fronczak; Konsultant naukowy:
prof. dr. med. A. Margolisowa).

HOFMANN, Gustav, dr.

Introduction of wooden bellows in Bohemian metallurgical works.
Hut listy 19 no.9:677 S '64.

HOFMAN, H.

Frequency and causes of premature labor and early mortality of
prematures. *Fediat. polska* 27 no. 6:669-680 June 1952. (CIML 22:4)

1. Of the Obstetric-Gynecological Clinic (Head--Prof. A. Gyzewics,
M. D. and of the Department of Premature Infants (Head--Docent
I. Bielicka, M. D.) of the National Institute of Mother and Child
(Director--Prof. Fr. Groer, M. D.).

EXCERPTA MEDICA Sec 7 Vol 10/9 Pediatrics Sept 56

1926. HOFMAN H. Klin. chor. Wiek Dziecięcego A. M., Warszawa.
"Zmiany toksyczne w krwinkach białych w błonicy. Toxic changes of
the white corpuscles in diphtheria PEDIAT. POL. 1956, 5/1
(51-58) Tables 4

Fifty-three patients were examined. Leucocytosis in severe diphtheria amounted on the average to 18,000, in semi-severe and mild types to 12-13,000). In the picture of white corpuscles no deviations from the normal were noted. In all the cases of children with severe diphtheria toxic changes in leucocytes were observed. In semi-severe cases only in 62.5%. In mild ones in 42.1%. In severe cases toxic granulations in the protoplasm were noted in about 70% of granulocytes, in cases of an average course of the disease only in about 30%, whereas in mild cases toxic granulations did not appear. The changes in the nucleus in the form of a vacuole did not appear in the severe cases but they were met most frequently in the mild cases. The finding of numerous granulocytes together with toxic granules in the protoplasm in a child afflicted by diphtheria seems to suggest a severe course of the disease. The finding of vacuoli changes, however, in the nuclei of granulocytes would point to a mild course of the disease.

From author's summary (XX, 7)

JOFMAN, Halina

Digestive leukocytosis in children; leukergic test. Pediatr. polska
'62 no.5:521-540 May 57.

1. w Zakładu Mikrobiologii i Immunologii Instytutu Matki i Dziecka
w Warszawie Dyrektor Instytutu; prof. dr med. Mr. Groer. Kierownik
Zakładu; prof. dr med. L. Fleck. Adres: Warszawa ul. Masurzaka 17,
Instytut Matki i Dziecka.

(LEUKOCYTOSIS)

Digestive leukocytosis in child., leukergic test (Pedi.)
(DISTROINTESTINAL SYSTEM, especially
same)

HOFMAN, Halina ; KOCHANOWSKA-SIKORSKA, Janina

A case of rheumatic disease in a 14-month-old infant. Pediat.
polska 35 no. 3:314-321 Mr '60.

1. Z Oddzialu Niemowleczego Instytutu Matki i Dziecka w Warszawie,
Dyrektor Instytutu: prof. dr med. Fr. Groer, p.o. Kierownik
Oddzialu: k.n.m. dr med. H. Hofman.
(RHEUMATIC FEVER case reports)